

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Hirokazu SHIMIZU  
Title: CONTROL APPARATUS AND CONTROL METHOD OF ENGINE  
Appl. No.: Unassigned  
Filing Date: 07/15/2003  
Examiner: Unassigned  
Art Unit: Unassigned

**UTILITY PATENT APPLICATION**  
**TRANSMITTAL**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Hirokazu SHIMIZU

Enclosed are:

- [ X ] Application Data Sheet (37 CFR 1.76).
- [ X ] Specification, Claim(s), and Abstract (21 pages).
- [ X ] Formal drawings (10 sheets, Figures 1-10).
- [ X ] Declaration and Power of Attorney (3 pages).
- [ X ] Assignment Recordation Cover Sheet.
- [ X ] Assignment of the invention to HITACHI UNISIA AUTOMOTIVE, LTD.
- [ X ] Information Disclosure Statement.
- [ X ] Form PTO/SB/08 with copy of 1 listed reference.
- [ X ] Claim for Convention Priority with 1 certified Japanese priority document.



The filing fee is calculated below:

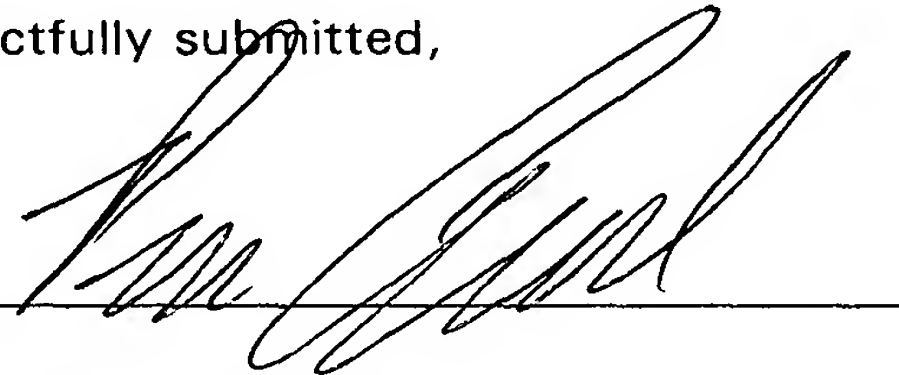
	Claims as Filed	Included in Basic Fee	Extra Claims	Rate	Fee Totals
Basic Fee				\$750.00	\$750.00
Total Claims:	19	- 20	= 0	x \$18.00	= \$0.00
Independents:	3	- 3	= 0	x \$84.00	= \$0.00
If any Multiple Dependent Claim(s) present:				+ \$280.00	= \$0.00
				SUBTOTAL:	= \$750.00
[ ] Small Entity Fees Apply (subtract ½ of above):					= \$0.00
				TOTAL FILING FEE:	= \$750.00
Assignment Recordation Fee:				+ \$40.00	= \$40.00
				TOTAL FEE	= \$790.00

- [ X ] A check in the amount of \$790.00 to cover the filing fee and fee for recordation of Assignment is enclosed.
- [ X ] The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

By



Pavan K. Agarwal  
Attorney for Applicant  
Registration No. 40,888

Date: July 15, 2003

FOLEY & LARDNER  
Customer Number: 22428



22428

PATENT TRADEMARK OFFICE

Telephone: (202) 945-6162  
Facsimile: (202) 672-5399